

ABSTRACT OF THE DISCLOSURE

A multilayer PCB has first and second signal transmission lines and first and second ground layers.

5 A signal via is connected between the first and second transmission lines. Ground vias extending parallel to the signal via are connected between the first and second ground layers. The end of the first ground layer protrudes with respect to the second ground layer and extends nearer to the signal via than the second  
10 ground layer. Thus, it is possible to stabilize the characteristic impedance of the first transmission line.